



IT'S A BIRD . . . IT'S A PLANE . . . No, it's James T. Schultz, Y-12's Electrical Engineering, free-falling from the light plane. Jim is an advocate of the newest thing in thrilling sports—Sky-Diving. He spends most of his Saturdays these days jumping in a cow pasture over near Powell.

## Engineering's Schultz Takes Big Step To Enjoy 'Out-Of-This-World' Sporting Fad . . . Sky-Diving

As the drunk said after falling down an elevator shaft: "Watch that last step, it's a Duse!"

Man has always wanted to fly like a bird . . . now the Sky-Divers are doing it! James T. Schultz, Y-12's Electrical Engineering, is an enthusiastic member of the Volunteer Sky-Divers Club. The Club is a chapter of the Parachute Club of America.

The daring draftsman describes the drops, or free falls, as "exciting, clean and safe." He defined closely the safety aspects of this growing sport. "You have to acquire a certificate from a physician, stating that you are in good health, have no fainting spells, and are not subject to vertigo."

### 5 Automatic Jumps

To qualify as a member, one must make five static line jumps. Static line jumps are defined as automatic chute opening drops where the jumper does nothing but jump. The parachute opening is automatically controlled from the plane. This type jump is familiar to all Paratroopers. Then the applicant must make one "free-fall" where the rip-cord is pulled by the jumper . . . or faller.

Jumping takes place almost every week-end, over at the Broadacres Dairy, Powell. Many people from that section come out just to watch.

Targets for jumping are usually a parachute spread out on the ground. Then a man drops a wind-marker from the plane prior to the jump. This will give the sportsman some idea of wind speeds. The start of the jump is determined by the amount of wind.

### 2 'Chutes Needed

All jumpers wear two 'chutes . . . one on their back, and an emergency 'chute on their chest. Jim had to use his emergency parachute a week or so ago, as



James T. Schultz

the rip-cord on his main 'chute pulled away from the gear. "I don't want to have to do that again," he stated, "the emergency 'chute is smaller and you fall faster."

The initiation fee in the PCA is \$14.50 plus \$25 for the local club. A complete set of gear, including a parachute can be bought for about \$150. "I got out cheaper than that, by buying parachutes from Surplus Sales," Jim explained.

Continued on Page 4

### SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
66 Days Or  
2,121,000 Man-Hours  
(Unofficial Estimate)  
Without A Disabling  
Injury  
Through March 4  
Phone 7755  
For Daily Report  
On Accident-Free Hours

### Electrical Engineers Meet Tomorrow In Ridge

The Oak Ridge Section of the American Institute of Electrical Engineers will hold a general meeting Thursday, March 8, 1962 at 7:30 p.m. in the Green Room of the Ridge Recreation Hall, Oak Ridge.

The program will consist of a film and talk by Norman James, Wire and Cable Group, Polychemicals Department to the DuPont Company, Wilmington, Dela. His subject will be "Keeping Current in Plastics." It will encompass the uses and applications of nylon and polyethylene insulation.

Refreshments will be served, and the AIEE is welcoming any visitors who wish to come and participate in the program.

## 'Loose-Talk', Intentional Or Otherwise, Avoided By Security-Minded Employees

During World War II an oft-heard expression was "A slip of the lip . . . May sink a ship." Nowadays, no ships are being sunk, but loose talk can be even more dangerous than a ship's sinking. A misplaced word or two could result in sabotage or treason.

But on the lip. Bits of information overheard by espionage agents can be put together as a jigsaw puzzle. One word may be all that's needed to complete the puzzle. In the past such slips have supplied agents with information that ultimately caused destruction of defense plants, loss of life, loss of defense plants, and has nullified valuable leads in technology. It could also furnish an enemy with the means to defeat this country diplomatically, as well as on the field of battle.

### Avoid Loose Talk

There are several points to remember to avoid "loose talk." The application of the following simple precautions might well preserve this country's very way of life.

Never discuss classified information with or in the hearing of unauthorized persons. This includes never denying, correcting

or confirming any magazine articles, newspaper stories, newscasts or rumors about work. The mere denial, correction, or affirmation of such a detail may be the vital piece an agent needs to complete his "puzzle."

### Watch Telephone

Avoid discussing classified matters over the telephone.

Know for sure that a person has proper access authorization AND a "need-to-know" before revealing any information to him.

A "need-to-know" means that an individual, in addition to having access authorization, must also need the information concerned in order to perform his official duties. Access authorization means the holder should be allowed access ONLY to the classified information he needs — no more.

### Individual Responsibility

Each individual bears the responsibility of seeing that no classified information is comprised by him in any way. This is especially true with "loose talk." Accidentally or intentionally, comprising security might wreck the security of the United States, indeed, of the whole free world.



EXPLAINING A GAMMA DOSE MEASUREMENT INSTRUMENT is Joe Youngblood, Radiation Safety. The visiting public got an opportunity to view the Emergency Radiation Dosimetry Laboratory in Downtown Oak Ridge on Washington's Birthday. The unidentified public above are not so unidentified. That's Lewis Warren interested in Joe's description of the "glass dosimeter." The children are not identified, but they are not Lewis's.



NEARLY A THOUSAND people viewed the Y-12 Plant Emergency Radiation Dosimetry Laboratory during its public display in Oak Ridge, February 22. Jack McLendon, Radiation Safety, is seen standing in the middle of the trailer greeting visitors to the ERDL.



# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
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UNION CARBIDE CORPORATION

JAMES A. YOUNG ..... Editor

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## UCC Official, Wife Die In NY Plane Crash

Feldbeck Pioneered  
In Atomic Energy



Dr. George T. Feldbeck

The Carbide organization was saddened last week in the death of Dr. George T. Feldbeck, vice president in charge of research at Union Carbide Olefins Co., who was killed in a plane crash March 1, in New York City. His wife, Mrs. Helen K. Feldbeck, died in the crash also.

Dr. Feldbeck was the first Carbide person to get into the atomic energy activities. He was formerly a vice president in charge of operations here in Oak Ridge. He was in charge of the research, development and engineering staff for the production of U-235, in January, 1943.

He is survived by three sons, Dr. George T. Feldbeck Jr., Newark, Del.; Dr. David K. Feldbeck, Ann Arbor, Mich.; and Richard B. Feldbeck, Wernersville, Pa.; and a daughter, Mrs. Karen H. Canaday, Whyalla, S. Australia. The Feldbecks also had six grandchildren.

## B Shift Gathers Tonight For Party In Oak Ridge

B Shifters are gathering tonight, Wednesday, March 7, for family games to get underway at 7:30 p.m. The scene of the clam-bake is the Oak Terrace in Oak Ridge.

Prizes to be given away are luggage, radio, Corning ware set, and electric blankets. All B Shiftmen and their families are urged to attend the gala gathering.

## Argentine Physics Topic Of Seminar

Friday's seminar for the Oak Ridge National Laboratory's Physics Division is announced as "Physics in Argentina." Featured speaker will be J. W. T. Dabbs, from ORNL's Physics Division.

The seminar will be conducted in the East Auditorium of ORNL's 4500 building at 3:15 p.m. Friday, March 9, 1962. All interested technical personnel are welcome.

## Nevada Site Set For Rocket Test

The Atomic Energy Commission and the National Aeronautics and Space Administration have announced that the Jackass Flats area of the AEC's Nevada Test Site has been designated as the Nuclear Rocket Development Station. The Station is centered on that part of the NTS which has been used since 1959 for ground tests of the KIWI reactors in the joint AEC-NASA program to develop nuclear powered rockets.

The station will be used for ground testing of reactors, engines and stages which will be required in the development of nuclear rocket systems.

Located at the station are testing facilities which are being used by AEC's Los Alamos Scientific Laboratory in the development of the reactor in the nuclear rocket program. Additional facilities, including test stands for the NERVA engine and the RIFT (Reactor In Flight Test) stage, are under construction or in the planning stage at the station.

## Playhouse To Give 'John Brown's Body'

"This was his Georgia . . .  
This his share  
Of pine and river  
And sleepy air . . ."

The noble words of Stephen Vincent Benet is one of America's truly great epics. "John Brown's Body" will open tomorrow night, Thursday, March 8, at 8:20 to Oak Ridge audiences at the Oak Ridge Playhouse, Jackson Square.

The stirring Civil War story is told by a trio of narrators, backed by a chorus. Y-12's Ruth Sanders, Process Analysis, is appearing in the chorus.

Originally starring Tyrone Power, Raymond Massey and Judith Anderson, the phenomenal stage production enjoyed a successful tour of the USA in 1953. The actors and members of the chorus appear on stage in modern dress and no attempt is made to capture the costumes and scenery. The music and the written word can do this much better than the visual aspects of the drama.

Reservations may be made at the box office of the Playhouse. The drama will be repeated Friday and Saturday, March 9, 10 and the following week-end, March 15, 16, and 17. Special student rates are available for each Thursday night performances. Since the play is an excellent combination of good theatre, first-class literature and fascinating history, it is highly recommended for students.

## Puerto Rico Topic Of Audubon Tour

The final program in the 1961-62 series of Audubon Screen tours will be "Puerto Rico, U.S.A.," shown and narrated by Fran William Hall, Northfield, Minn. It will be shown at Jefferson Junior High School, Tuesday, March 13, at 7:30 p.m.

The Hall production is the first natural history film ever made about the American Commonwealth of Puerto Rico. It will show the marine life of the Caribbean reefs which will include iguana lizards, tree-climbing hermit crabs, shore birds, and the plant and animal life of mountain-top rain forests.

The Conservation Club has agreed to bring the Audubon Screen Tours to Oak Ridge again next year. Chairman A. H. Patterson is now signing up subscribers for next year, the thirteenth season in Oak Ridge.

Tickets for "Puerto Rico, U.S.A." will be sold at the door prior to the showing Tuesday night.



Fellers, here's some timely advice on how to get along at home. Help your wives. Clean windows for her. Wash the dishes with her. Do the laundry with her. Mop up the floor with her!

Around Y-12, they're saying—

## TECHNICAL

Process Analysis reports Charles L. Tate all smiles a week or so ago, February 21, to be exact. It was then his second grandchild arrived, Julia Louise Sellars. She was born in Oak Ridge. Congratulations.

Chemistry Development sends best wishes to Ralph Levey, injured in an auto accident recently.

Radiation Safety's Dixie Stinnett vacationed last week in Daytona Beach, Fla.

Funny when a man reaches the age with money to burn, the fire has already gone out.

## FINANCE AND MATERIALS



Beverly and Shirley

Beverly Domer, a former employee in Property, left Oak Ridge February 28 by plane to meet her husband Ronald, in Luxembourg, Germany. They will leave there for Kaiserslautern where they will reside until his return to the states. Another former Y-12er, Shirley Forbes Sugarman, accompanied Beverly. She is also joining her husband in Germany. Shirley's father, Everett Forbes, is in the Alloy Shop. Best wishes go with both Beverly and Shirley.



Regina M. Parker

Congratulations are extended to Earl Parker, Microreproduction and Engineering Services, and his wife on the recent addition of a baby girl to their family. She was born February 17, weighed five pounds, 13 ounces. Her name is Regina Maureen.

The only time a woman will not look in a mirror is when she's driving a car.

## MECHANICAL OPERATIONS

The General Machine Shop is still talking about the Y-12 Bowling Tournament, and the trophy winners down thataway. Trophy takers were R. A. Allstun, Chuck Bolyard, E. S. Henck, Don Branson, and H. M. Monday. They are also proud of the fact that they all hail from down Kingston way.

Also mentioned, even though he didn't win a trophy is F. K. Clabough, who certainly played his heart out in the tournament! Shoppers are also welcoming new employees, R. L. Ogle, L. M. Tittle, and Wendell Thornton . . . The very fine reporter in the Shop sent a little boy's picture, son of D. R. Murphy. It will probably appear in next week's Bulletin.

Pinned to the door of a Marriage License Bureau: "Out to lunch—think it over."

## INDUSTRIAL RELATIONS

Get well wishes are wafted from the Fire and Guard Departments to Capt. M. L. Woodard, back in the Oak Ridge Hospital again . . . Get well wishes also to G. H. Osborn's father, ill in Jellico.

The Cafeteria has Johnny Robinson in Montgomery, Ala. this week, visiting his mother . . . Reports from the ill, Rosa Lowe and Mayme Hundley are that they are improving nicely. Folks hope they continue doing the same!

Learn to do the twist. It not only will cure you of being a wallflower, it will also remove the pot.

## ENGINEERING

Tool Engineering had Don Stinnett, O. T. Smith and their families vacationing last week at Daytona Beach, Fla., enjoying the late Winter respite from the "March - came - in - like - a - lion" weather . . . Condolences are being sent to Gary Martin, whose uncle, Jefferson Hale, died recently.

The Bulletin carried a very fine story last week on Gary Fuis, son of Frank, graduating with honors from Norris High School. About this time of year, Y-12ers have many honors coming to their student sons and daughters. It can't be put here if it isn't sent in. How about it?

## Y-12ers Celebrating 15, 10 Year Anniversaries

Congratulations to the following Y-12ers who will observe 15 and 10-year anniversaries with Carbide within the next few days.

### 15 YEARS

Harvey L. Cox, Utilities, March 13.

### 10 YEARS

Herman R. Queener, Process Maintenance, March 7.

William L. Adkins, Forming Department, March 7.

Arthur J. Fisher, Jr., Security, March 10.

Clyde C. Hopkins, Production Control, March 10.

John W. Vanbever, Sunflower Shop, March 10.

Ernest M. McCullough, Process Maintenance, March 11.

Sam H. Davis, Forming Department, March 11.

Richard W. Ladd, Process Maintenance, March 11.

Kenneth R. Compton, Sunflower Shop, March 11.

Dennis E. Stone, Product Processing, March 12.

## Child's Prayer Found In Early Literature

The first record of the famous child's prayer, "Now I Lay Me Down to Sleep" is found as early as 1160 A.D. It was noted in the Enchiridion Leonis. The New England Primer, published in 1784 and again in 1814 contained the famous lines.



THE CROWD GATHERS at Cape Canaveral for the famous blast-off which took place February 20. Y-12er Mildred Reynolds, Material Control, was vacationing in Florida with her husband. They were part of the thousands of lucky people who saw the show in person.

## Y-12er Sees Orbit Shot At Canaveral

Mildred Reynolds Was  
Vacationing At Cape

At least one Y-12er was an eye witness to Col. John Glenn's historic flight into space February 20. Mildred Reynolds, Material Control Department, was vacationing with her husband in Florida. Her description of what took place at the Cape is more exciting than any modification might be, so here it is in its entirety.

"My husband and I went out on the Causeway that separates Merritt Island and Cocoa Beach which leads to the Cape where Col. John Glenn made his space flight.

"We were approximately the third car to arrive on the Causeway that morning, but by the time the count-down was getting near zero, the Causeway was lined up on both sides with cars.

"Practically everyone that had a radio had it tuned in on the flight. Quite a few people had high powered glasses, and some had telescopes.

"It didn't seem possible that we were actually going to see the take-off after so many disappointments, and I'll admit that as time drew nearer I could not describe my feelings, they were so mixed.

"When the count-down neared two, excitement was really great, and it seemed that all the radios were turned louder all at once, and the folks that were not already out of their cars jumped out all at once.

"We could see Friendship Seven, which looked like a ball of fire, before the boom sound of the take-off could be heard. A trail of smoke, and it was gone.

"All in all, it was a most exciting experience."

In all the excitement, Mildred says they failed to get a photo of the take-off. She did, however, send this snapshot of the traffic of the cape watchers. The Bulletin expresses its thanks to Mildred for sharing her experience with fellow Y-12ers.



Get well wishes are sent the following Y-12ers who were patients last week in the Oak Ridge Hospital:

Maxie L. Woodard, Fire Department; David G. Hoskins, Beta Two; Othel W. Breedlove, Machine Maintenance; James E. Gilstrap, Special Mechanical Production; J. D. Housley, Property; N. M. Keplinger, Mechanical Maintenance; Joe L. Ailey, Product Processing; V. A. Stanley, Research Services; N. L. Derryberry, Electrical; E. C. Ward, Mechanical Maintenance; N. L. Kitchens, Area Five Maintenance.

Put your heart into our security program.





**ENGINEERING FOLKS** at the big George Washington Birthday dance report a merry evening on the town. The dance was held February 21 at the Oak Ridge Country Club. On the left is one of the happy tables, reading clockwise, Mr. and Mrs. Finis Patton (that's R. E. Humes smiling behind them), Mr. and Mrs. Charlie Kuykendall, Mr. and Mrs. Irv Speas, Mr. and Mrs. George Jasny, and Mr. and Mrs. Bill Griffith. At the right is part of the dance floor as the non-twisters

enjoy a slow one from the dark ages. Food galore helped the "engineers" get through the happy times. Gossip from the dance included Leland Browne being caught with two plates of food . . . Instrument Engineering especially enjoying Mary and B. B. Bells' table . . . Mimi Bell and Dixie Walker (Junior, that is), being enticed into doing a "twist" demonstration . . . Twist champions turned out to be Jim Grizzell and his date, Sharon Hall . . . as the standing

crowds circled the dance floor to watch the braver, younger, more energetic twisters in action. "Mr. Twister" from Y-12 turned out to be old Tudor Boyd in person. The smoothest twisters of the evening were Corval Deese and his date, Glonda Collins. George Jasny and Mrs. H. G. P. Snyder looked mighty fancy twisting, too. It's told that Gene Barnes' could have easily won the Chubby Checker contest if she'd tried.

## Atoms Defeat ORGDP Peons After Falling

Play in the Carbide Basketball League last week slowed to a crawl as only two games were played. Plans were being formed, however, for the play-off to determine the first half winner and the tournament soon.

Last Monday night, two Y-12 teams clashed . . . the Eagles and the Atoms. The Eagles flew down from their aerie to trounce the Atoms mightily to the tune of 66 to 48. High scorer for the high-flyers were John Pridgeon, 24; Jim Bryson, 16; and Ralph Vaughn, 14. Jim George tallied most for the losers with 25, while Edd Cothron put 11 in the basket.

The Atoms came back Tuesday night and put on a fine demonstration, showing that they may be down, but not out. They defeated Oak Ridge Gaseous Diffusion's Peons for their second loss of the last half of league play. Jim George did his usual fine shooting for the Atoms, scoring 18. Next in line was Brooks with 11. For the losers it was Henderson with 16 and Mother-shed with nine. The lead changed hands many times before the Atoms pulled the iron from the fire.

League standings follow:

Team	W	L
Atoms	6	1
American Eagles	6	1
Lab Demons	5	2
Peons	4	2
Jay Birds	2	3
Kingston Five	2	5
Hoopniks	1	4
B Shift	0	7

## Author Amory's Talk Postponed To April 5

Y-12ers who were holding tickets for the Cleveland Amory address may use them Thursday, April 5. The famous author was forced to postpone his March 5 appearance in Oak Ridge because of television commitments.

The witty writer and columnist who wrote "The Proper Bostonians" and "Who Killed Society?" will talk at 8 p.m. on April 5 at Jefferson Junior High School. The address is being sponsored by the Friends of the Oak Ridge Library.

Tickets are available at the library. A reception honoring Amory will follow the lecture at the Oak Ridge Library.

Have I secured all classified material in the proper repository?

## Y-12, ORNL Tied In 22-Rifle Lead

Jack Huff Fires 290 Scratch Score

Riflemen in the 22-Calibre Rifle League for Carbiders still have a neck-and-neck race between Y-12 shooters and the marksmen from the Oak Ridge National Laboratory. By virtue of their forfeit win over the Oak Ridge Gaseous Diffusion Plant, the Y-12 team has a fine 22 won to 7 lost record.

The ORNL team took a handsome win over the Independents in last week's range action.

Y-12 men, firing just the same, to keep the old sights shined, saw Jack Huff lead scratch firing with an amazing 290, also taking handicap highs with a 291.083. This score was followed by Bob Powers with a 280 scratch, and Al Blay with a 289.054 handicap score. Total scores saw the Y-12 team with 1126 scratch and 1154.440 handicap tally.

League standings follow:

Team	W	L
Y-12	22	7
ORNL	22	7
Independents	14	15
ORGDP	0	29



**SETTING THE HARDWOOD** afire on the courts for the University of Tennessee freshman team is John L. Howard, III, seen above kneeling before Coach Bob Carter and his dad, John L. Howard, Jr., Y-12's Product Processing. Young John was an outstanding player on the State Championship team that Oak Ridge produced last year. Charlie Mills, erstwhile cameraman, caught the trio recently before a scheduled game.



**ENGINEERING DIVISION SUPERINTENDENT** William E. Heckert had the honor of presenting prizes to two pretty misses at the Division dance held on the eve of Washington's Birthday. At left he gives Gene Barnes a prize for selling the most tickets to the dance. At right he presents Mrs. Martha Barringer with the door prize, a hair dryer. At the far right is Mrs. Magda Luykx-Verhulst, pretty visitor from Brussels, Belgium. Her husband, Felix F. J. Luykx, is with the ORSORT program at the Oak Ridge National Laboratory. He is an employee of EURATOM.

## Patterson Is Handicap Tops For Skeeters

The high individual scratch firing in the All Carbide Skeet League last week saw Jack Case and Don Pitt tie with 21/25 each. J. M. Patterson fired the high handicap firing with a 291.570/300. Team highs went to Swart-out-Welfare with 40/50 and to Case-Hamby with 579.597/600 handicap score.

New leaders in the league are Sahr-Stewart with a total of 1713.345, followed by Case-Hamby with 1707.250 closely followed by Wiest-Tunnell's 1707.118.

Team	Score
Sahr-Stewart	1713.345
Case-Hamby	1707.250
Wiest-Tunnell	1707.118
Bahler-Brewster	1699.250
Davy-Asmanes	1686.182
*Pitt-Collins	1147.915
*Brundage-Bell	1133.239
*Patterson-Murray	1131.592
*McNabb-Montgomery	1126.835
*Hodges-Patton	1118.268
*Wilson-Weathersby	569.279

## Dry Hides Win In D League

The D League for Carbide Bowlers had technical difficulties last week. The Y-12 Rodders and the Alley Rams had to postpone action due to mechanical failure of the automatic pin-setters at the lanes.

Y-12's other team in the league, the Dry Hides, defeated the Pin Heads, an Oak Ridge National Laboratory team, by three points. Total handicap series score for the Y-12 team came to 2880. High handicaps were fired by the Gasser's Wallace with 247 and the Sh-Booms' Schwartz's 633.

League standings follow:

Team	W	L
Sh-Booms	13	7
Kemix	13	7
Pin Heads	12	8
Beryls	11	9
Termites	11	9
ORINS	11	9
*Alley Rams	9	7
Rodders (Y-12)	9	7
Gassers	9	7
*Dry Hides (Y-12)	8	8
Hephex	7	7
Guttersnipes	3	17

## Guttersnipes Lose Mightily In Kingston

The Y-12 Guttersnipes lost big in the Kingston League for Carbide Bowlers last week, thanks to some fancy alleywork on the part of Bill Schwab, Rookies, who took a 225 scratch game, a 651 series scratch tally and a 708 handicap total. The Rookies from Oak Ridge Gaseous Diffusion Plant racked up the full four points against the Y-12 men.

High game scores saw the Rookies lead the league with a 1030 and 3073 handicap scores.

Other scores saw the Head Pins win three from the Alley Cads, and the Could B's take three from the Sparemen.

League standings follow:

Team	W	L
Rookies	20	12
Guttersnipes (Y-12)	19	13
Alley Cads	19	13
Head Pins	16	16
Could B's	13	19
Sparemen	8	24



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WHAT a well-dressed Y-12er wears these days. Kidding aside, it's just Fletcher De Ford, Research Services, as a guest at a recent "tacky" party. Fully attired in sneakers, "over-hauls," sweater and straw hat, De Ford here shows off his "watch."



Will join car pool from Inskip, Norwood Area, Knoxville to Bear Creek Portal, C Shift. D. L. Van Dusen, plant phone 7-8719, home phone 689-5633.

Ride wanted from 4413 West Sutherland Avenue, Knoxville, one block off Kingston Pike, to Bear Creek Portal, straight day. Jo Anne Plemons, plant phone 7-7819, home phone Knoxville 584-4245.

Car pool member wanted from vicinity of Washington Pike, Whittle Springs Road, or Lincoln Park section to any portal, straight day. Jim George, plant phone 7-8204, home phone Knoxville 525-5848.

Small car pool member wanted (car, not member) from Wesleyan Dr. Morrell Rd. Section, to North Portal, straight day. J. D. Westbrook, plant phone 7768, home phone Knoxville 584-1689.

Ride wanted from West Knoxville, off Kingston Pike, to North Portal, straight day. R. L. Oswald, plant phone 7237, home phone Knoxville 588-3263.

Ride wanted from Outer Drive at Michigan to Central Portal, straight day. D. J. Wood, plant phone 7-8635, home phone Oak Ridge 483-4944.

## ORGDP's Lewis Addresses ISA Tonight In Oak Ridge

The monthly meeting of the Oak Ridge Section of the Instrument Society of America will be held tonight, Wednesday, March 7, at 8 p.m. in the Green Room of the Ridge Recreation Hall, Oak Ridge.

Oak Ridge Gaseous Diffusion Plant's T. J. Lewis will speak on "An Introduction to Adaptive Control." Lewis is a supervisory engineer in the ORGDP Instrument Development Department.

Members, potential members and guests of ISA are invited to attend this meeting.

## New Season Set For Volleyball

### ORNL Set Ups Win 1st Half

The Oak Ridge National Laboratory Set Ups have won the first half of league play in the Carbide Volleyball League. Y-12's Eagles finished third in standings, behind the A Shift team from Oak Ridge Gaseous Diffusion Plant.

Action in last week's play came fast and furious. The Y-12 Eagles fell two games to ORNL's ORSORT's 15-1, 16-5. The Eagles won the first game, however, 15-6.

A Shiftmen from ORGDP had a hot night on the courts by winning five out of six games. They took the ORNL Old Men for three games, 15-3, 15-6, 15-9, and the champion Set Ups by 15-12, 16-14 . . . losing only one to the Set Ups 15-6.

The ORNL Raiders took the Biology men, also from ORNL, for three games, 16-14, 15-8, and 15-9.

New League standings follow:

Team	W	L
A Shift	10	2
Set Ups	4	3
Old Men	3	3
Y-12 Eagles	2	4
ORSORT	2	4
Biology	2	4
Raiders	1	5

## Chemical Society Meet Set At U-T Tonight

The East Tennessee Section of the American Chemical Society will hold a meeting tonight, Wednesday, March 7, at 8 p.m. in room 114, Dabney Hall, at the University of Tennessee, Knoxville. Featured speaker will be Dr. Halvor N. Christensen, chairman of the department of biological chemistry at the University of Michigan Medical School. His subject will be "Chemical Events in Biological Transport."

A dinner will precede the talk at 6:30 p.m. in the University Faculty Club. Reservations may be had by telephoning extension 308 at UT.

## More AEC Surplus Goes To Tennessee

The Atomic Energy's Oak Ridge Operations gave \$65,488 worth of surplus property to the State of Tennessee during February. Also, during the month, the State of Alabama was given property valued at \$8,731. The February donations brought to \$508,063 the total value of surplus property which the AEC ORO has distributed to various states since last July 1.

The surplus property is used by the states in educational programs.



"Looks like Father's home."

## Engineering's Schultz

Continued From Page 1

Parachuting is as dangerous or as safe as the individual who is taking part. "Statistically, we're better off than golfers," Schultz explained. "More golfers are struck by lightning on courses than sky-divers who die."

Jim took his first big step last fall, has made about 12 jumps to date.

### Imported From France

The newest thrill in sports actually was imported from France. In 1956 the first organization sprang up in Tennessee. Today there are well-organized clubs all over America. The Parachute Club of America, or the mother organization, has at least 200 recognized clubs under its protective wing.

Schultz explained that most parachutes have a slit in them. This gives them more maneuverability. A chute is maneuvered by pulling the shroud lines. "Shroud" lines . . . there must be a better term for the lines that attach the chute to the man's harness.

### Just Plain Fun

Most jumpers have different reasons for jumping . . . but then most of them come back with the answer that "It's fun."

The PCA states that each parachutist and student must be equipped with two airworthy parachutes on a single harness consisting of a back pack with at least a 28 foot canopy and a chest pack with at least a 24 foot canopy. Strength tests are recommended on the parachutes every 100 jumps or seven years.

Boots, helmet, goggles and adequate protective clothing must be worn for all jumps. Gloves are mandatory if temperature at jump altitude is below 40 degrees F.

The one-way passage on a plane is around \$2.50 per jumper. Photography is Problem.

Photographing the droppers can be quite a problem. Joe Jernigan, who does some of the photographic work for the Bulletin, explained that there are several ways to shoot the jumpers . . . plane-to-plane, ground-to-plane, from another plane. "Of course, the ideal way is to have the photographer jump with the parachuter."

When asked if he wanted to cover the assignment some Saturday, Joe reneged . . . stating he had a cold.

Schultz is married to the former Marcella R. Townsend. They live at 222 North Purdue, Oak Ridge. A graduate of Oak Ridge High School, Schultz also attended the University of Tennessee. A native of Newport, R. I., Schultz is quick to sing the merits of parachuting.

So if you're interested in getting away from it all and enjoying the exhilarating experience of falling through space, you might consider the thrills of sky-diving.

You don't jump because the plane is afire, or because somebody pushes you. You just jump for the thrill of the rare experience of the complete peace and freedom of space.

(Editor's note: Nobody from the Bulletin office wanted to jump. As Joe Jernigan, everybody up on the hill has had a cold.)

## March Meeting Set For Accountants

The Knoxville-Oak Ridge Chapter of the National Association of Accountants announces its March 20 meet at the Dwarf Restaurant. Dinner is scheduled to begin at 7 p.m. The Dwarf is located on the Clinton Highway, just a few miles north of Knoxville's city limits.

Featured speaker at the meeting will be Richard L. Bollard, Southern Division Crime Auditor, Liberty Mutual Insurance Co., Atlanta, Ga. He will speak on "Internal Control vs Employee Embezzlement."



CHAMPIONS DELUXE FROM Y-12 are Len Hart and Irene Carmack, shown proudly holding their "champ" trophies awarded for their fine bowling in the Y-12 Tournament held February 24, 25. Irene has already filed her entry for the All-Carbide Tournament coming up. It is expected that Len will have his entry in before too long.

## Y-12 Bowling Champs Crowned Now; All-Carbide Tournament Dates Set

Week-Ends Of March 31, April 1 & 7, 8

Chosen For Alley-men From 3 UCNC Plants

With the Y-12 Annual Bowling Tournament already behind, sportsmen around the grounds are already laying plans for the All-Carbide Bowling Tournament coming up the last of this month. The big event will be held at the Oak Terrace Lanes Saturday and Sunday, March 31, April 1 and the following week-end, April 7, 8.

The deadline for entries in the big event is announced by Recreation as noon, Friday, March 16. All fees must accompany entry blanks. Fees are as follows: \$1.15 prize fee and \$1.35 bowling fee. All-Events fee, which is optional will be 50 cents per bowler. Total entry fee for team, doubles, singles, and All-Events is \$8 per person.

### Teams Roll First

Team competition will be scheduled the first week-end; doubles and singles will follow April 7, 8.

Only bowlers who are employed at Y-12, Oak Ridge National Laboratory and Oak Ridge Gaseous Diffusion Plant and who have bowled a minimum of 12 games in regular Sanction League play between September 1, 1961 and March 2, 1962 will be eligible.

Entry blanks are available from league secretaries.

Tournament Directors will have the power to make any decisions on any rules not covered by tournament rules as long as decisions are not inconsistent with the American Bowling Congress and Womens Industrial Bowling Congress rules and regulations.

### Handicaps Control Prizes

All cash prizes will be awarded on a handicap basis. Trophies will be given to first place bowlers in each of the scratch and handicap events, however, any bowler or bowlers having high scratch and handicap scores in the same event will be awarded the scratch trophy only.

Many fine alley-women and alley-men from Y-12 are expected to participate in the classic tournament. Most honors in high scoring, particularly in the scratch division, went to ORGDP bowlers last year.

### Fine Scorers Thanked

Meanwhile, Recreation Director R. T. Cantrell wishes to personally thank all the bowlers who

helped so gallantly in the Y-12 annual tournament held February 24, 25. Particular thanks go to Charlie and Joyce Gillihan, Shirley Brown, Jack Cox, W. B. Tyree, Bill Mee, Roy Roberts, Ray Waldrop, Gail Belton, Sterling Ryder and Bill Hoppe. Without the fine cooperation of these and other bowlers, the tournament would not have been the success that it was.

## Rollmasters Lose One, Gain Again

Wednesday Loop Has Y-12ers In 3rd Place

Y-12's only team in the Wednesday 5:45 League for Carbide Bowlers, the Rollmasters, dropped three points week before last to the Rookies from Oak Ridge Gaseous Diffusion Plant. They bounced back last week, however, and won three from the Mix-Ups, also from ORGDP. Bowling results were not carried last week, due to a mix-up caused by the holiday.

High man for last week was Rene Rodriguez, Sandbaggers, with a 230 scratch game, and a scratch series of 570. Ernie Eagle, Planners, took handicap honors with 252 and 630. The Planners took high handicap scores with 1046 and 2966.

League standings follow:

Team	W	L
Head Pins	65	39
Planners	63½	40½
Rollmasters (Y-12)	59	45
Mix-Ups	58	46
Cast Offs	54½	49½
Sandbaggers	54	50
Lab Demons	53	51
Wallops	50½	53½
Woodpeckers	45½	58½
Pirates	43	61
Wacos	40	64
Rookies	37	67